INDEX TO VOLUME XXI

1939

SUBJECTS

AAA program and the individual farm, 46
AAA program and the individual farm (discussion), 55
A base in the 1920–1929 period for farm price studies, 247
Adapting farm management research to new opportunities, 98
Agricultural crisis, Japan's, 614
Agricultural economics, contribution of, to general welfare, 8
Agricultural, experiment in surveys, 856
Agricultural policy, government, and land values, 258
Agricultural price statistics in the United States and abroad, 788
Agricultural self sufficiency, Germany's bid for, 435
Agricultural statistics, century of, 697
Agricultural statistics, development of, in the Bureau of the Census, 735
Agricultural statistics, future improvement in, 838
Agricultural statistics, 1900 to 1920, 707
Agricultural statistics, progress of, in the world, 761
Agricultural trade unions, 470
Agriculture, complementary and competitive in Latin America and the United States, 375
Agriculture, specialization in, AAA program and, 31
Agriculture, supply and price adjustments in, 871
Annual reports, 397
Appraisal of accomplishments in agricultural economics, discussion of, 21
Area programs, farm management in building, 332

Base period for parity prices, 253
Base periods for farm prices, 238
Base periods: the case for the 1910–14 base, 243
British Empire trade agreements in relation to trade in farm products between Canada and the United States, 380
Butter prices, wholesale, 595

Capital obligations, intra-association shifting of, 462
Census, Bureau of, agricultural statistics in, 735
Census methods, partial and sample, 356
Census work, sample, 354
Century of agricultural statistics, A, 697
Classifying nonurban land according to best use, 419
Close-up view of the development of agricultural statistics from 1900 to 1920, A, 707
Conservation, measures needed to achieve, 864
Consumers' income and demand for certain perishable farm products, 145
Contribution of agricultural economics to the general welfare, 8
Contributions of agricultural economics to farming, 1
Control of land use in United States (discussion), 85
Cooperatives, rate of growth, 89
Cooperatives, rate of growth (discussion), 89
Corn, hybrid, economic aspects of, 479
Cotton, Egyptian Uppers, equilibrium method of tariff analysis applied to, 632
Crop and livestock reporting, developments in, 799
Crop reporting and forecasting, Government, 718

Demand schedules—"normal" and "instantaneous," 555
Design, experiment in, of agricultural surveys, 856
Design of sampling experiments in the social sciences, 846
Development of agricultural statistics in the Bureau of the Census, 735
Development of partial and sample census methods, 356
Developments arising out of trial census in 1938, 354
Developments in crop and livestock reporting since 1920, 799
Differentiation in marketing farm products, 587
Distributing milk in Maine, 309
Distributing milk in New York, 291

Economic aspects of hybrid corn, 479
Economic criteria for classifying nonurban land according to probable best use, 419
Economic information in farm management extension, 321

Economic research needed by professional farm managers, 235
"Education, in farm finance" in farm management extension work, 315
Effect of the AAA on farm organization and operation, 46
Effects of the AAA upon regional specialization in agriculture, 31
Equilibrium method of tariff analysis applied to Egyptian Uppers cotton, 632
Estimating local market prices and farm labor since 1920, 828
Evolution of a plan for intra-association shifting of the capital obligations among members, 462
Experiment in the design of agricultural surveys, An, 856
Experiments, design of, in social sciences, 846
Extension work, farm records and accounts in farm management, 326

Farm credit policy, and land values, 265
Farm finance, and extension work, 315
Farm labor, since 1920, estimating, 828
Farm managers, legal responsibilities of, 228
Farm management extension, economic information in, 321
Farm management facts in building area and state programs, 332
Farm management research, firm and, 570
Farm managers, types of economic research needed by, 235
Farm operation, long-time price changes and, 156
Farm organization and soil productivity, 107
Farm organization, technological developments affecting, 165
Farm price studies, base in 1920–29, 247
Farm products, marketing, 587
Farm products, measuring changes in demand for, 132
Farm products, trade in, between Canada and the U. S., 380
Farm records and accounts in farm management extension work, 326
Farmers, low-income, assistance to, 178, 188
Farming, contributions of agricultural economics to, 1
Federal purchase and administration of submarginal land in the Great Plains, 123
Forecasting, crop, for government, 718
Future improvement in agricultural statistics, 838

General welfare, contribution of agricultural economics to the, 8
Germany's bid for agricultural self sufficiency, 435
Government, crop reporting and forecasting for, 718
Graphic methods in price analysis, 337
Graphic methods used in presenting agricultural economics information, 346

Holland, agricultural trade unions in, 470
How fast should cooperatives grow? 89
Hybrid corn, economic aspects of, 479

Income and demand for farm products, 145

Japan's agricultural crisis, 614

Labor, farm, estimating local market prices and, 828
Lake States, tax reverted lands, in, 276
Land bank loans, 388
Land rents and land values in Italy, 273
Land use in Europe, public control of, 57
Land use problems in Michigan, 287
Land use problems in Minnesota, 280
Land use, public control of, in the United States, 74
Land values and commercial banks policy, 268
Land values and farm credit policy, 265
Land values and government agricultural policy, 258
Land values, monetary policy in relation to, 262
Legal responsibilities of farm managers and clients, 228
Livestock marketing methods and livestock prices, 219
Livestock markets, 195
Livestock, reporting, and crop, since 1920, 799
Long-time price changes and farm operation, 156
Low-income farmers in North, public assistance to, 178
Low-income farmers, of south, public assistance to, 188

Management, farm, extension work, 315
Market prices, estimating, 828
Marketing farm products, differentiation in, 587
Marketing, method of, for livestock, 219
Markets, livestock, and price structure, 195
Measures needed to achieve conservation and efficient production, 864

Measuring changes in the demand for farm products, 132
Measurement of demand, theory and, 606
Memorials, 553, 694, 916
Michigan, land use problems in, 287
Milk, reducing cost of distributing, in California, 299
Milk, reducing cost of distributing, in Maine, 309
Milk, reducing costs of distribution of, in New York, 291
Minnesota, land use problems in, 280
Modifications in type of farming needed in Great Plains, 114
Monetary policy in relation to land values, 262

National farm loan associations, 388
National program for rural rehabilitation, 881
News Items, 548, 691, 909
Nonurban land, classification of, 419

Organization and operation of the individual farm, and the AAA program, 46

Permanent aspects of supply and price adjustments in agriculture, 871
Policy, commercial bank, and land values, 268
Policy, farm credit, and land values, 265
Policy, government agricultural, and land values, 258
Preliminary program for the annual meeting, 917
Price adjustments, in agriculture, 871
Price analysis, graphic methods in, 337
Price changes, long-time, and farm operations, 156
Price, farm, studies, 247
Price statistics, 788
Prices and premiums, of butter, 595
Prices, market, estimating local, since 1920, 828
Prices, parity, base period for, 253
Prices, livestock, marketing methods and, 219
Production, efficient, measures needed to achieve, 864
Progress of agricultural statistics in the world, 761
Public control of land use in Europe, 57
Public control of land use in the United States, 74
Public assistance to low-income farmers in the North, 178
Public assistance to low-income farmers of the South, 188
Publications received, 415, 512, 671, 897

Reducing cost of distributing milk in California, 299
Reducing cost of distributing milk in Maine, 309
Reducing costs of distributing milk in New York, ways of, 291
Regional specialization, effects of the AAA upon, 31
Relief, suggestions for national program of, 881
Reporting, crop, for Government, why field entered, 718
Reporting, developments in crop and livestock, 799
Research, firm and farm management, theory of, 570
Reverted lands, tax, in the Lake States, 276
Rural rehabilitation and relief, national, 881

Sampling experiments, design of, in social sciences, 846
Sampling, methods of, for individual farms, 365
Schedules, demand, 555
Sciences, social, design of sampling experiments in, 846
Servicing Federal Land Bank loans through national farm loan associations, 388
Soil productivity related to farm organization and income, 107
State programs, farm management in building, 332
Statistics, agricultural, century of, 697
Statistics, agricultural, future improvement in, 838
Statistics, agricultural, in the Census Bureau, 735
Statistics, agricultural, 1900 to 1920, 707
Statistics, agricultural price, in U. S. and abroad, 788
Statistics, agricultural, progress of, in world, 761
Status of agricultural trade unions in Holland, 470
Submarginal land, federal purchase and administration of, 123
Suggestions for a national program of rural rehabilitation and relief, 881
Supply and price adjustments in agriculture, 871
Surveys, agricultural, experiment in design of, 856

Tariff analysis, method of, applied to cotton, 632
Tax reverted lands in the Lake States, 276
Technological developments affecting farm organization, 165

Theory and measurement of demand, 606
Theory of the firm and farm management research, 570
Trade Agreements, 380
Trade unions, agricultural, in Holland, 470
Type of farming modifications needed in the Great Plains (discussion), 120
Types of livestock markets and the price structure, 195
Type of farming modifications needed in the Great Plains, 114

Wholesale butter prices and premiums, 595
Why the Government entered the field of crop reporting and forecasting, 718

AUTHORS

(Articles are indicated by asterisk *)

Allen, R. H.
See Mighell, R. L.
Anderson, C. Arnold
See Reviews, 543, 898
Arnold, C. R.
*"Education in farm finance" in farm management extension work, 315
Arthur, I. W.
Discussion: Types of livestock markets and the price structure, 214
Ashby, R. C.
*Types of livestock markets and the price structure, 195

Babcock, H. E.
*How fast should cooperatives grow? 89
Baker, O. E.
See Reviews, 903
Ballinger, Roy A.
See Reviews, 546
Bean, Louis H.
*Monetary policy in relation to land values, 262
Bean, L. H., and P. H. Bollinger
*The base period for parity prices, 253
Becker, Joseph A., and C. L. Harlan
*Developments in crop and livestock reporting since 1920, 799
Benedict, Murray R.
*Development of agricultural statistics in the Bureau of the Census, 735
Bennett, K. R.
See Pearson, F. A.
Berg, H. A.
*Farm records and accounts in farm management extension work, 326
Black, John D.
Discussion: Contribution of agricultural economics to the general welfare, 25
Bollinger, P. H.
See Bean, L. H.
Brandow, G. E.
See Pearson, F. A.
Brandt, Karl
*Public control of land use in Europe, 57
Brown, A. G.
*Land values and commercial bank policy, 268
Burtis, Edgar L.
See Taylor, George R., and Frederick V. Waugh
Butz, E. L.
*A base in the 1920–29 period for farm price studies, 247

Canoyer, Helen G.
See Vaile, R. S.
Case, H. C. M.
Discussion: Contributions of agricultural economics to farming, 21
See Mosher, M. L.
Cassels, John M.
See Reviews, 517
Catherwood, M. P.
See Reviews, 907
Cavin, J. P.
See Reviews, 676
Clough, Malcolm
See Notes, 500

Descartes, S. L.
See Reviews, 678
Dickerson, J. H.
See Notes, 507
Dow, George F.
*Reducing cost of distributing milk in Maine, 309
Dowell, A. A., and O. B. Jesness
*Economic aspects of hybrid corn, 479
Drury, Horace B.
See Nourse, E. G.

Ebling, Walter H.
*Why the Government entered the field of crop reporting and forecasting, 718
Elkington, Charles M.
See Reviews, 686

Ellingson, E. J.
*Tax reverted lands in the Lake States, 276
Elliott, F. F.
Discussion: Public control of land use in the United States, 85
Erdman, H. E.
See Notes, 651
See Reviews, 520, 689
Erdman, H. E., and Weston W. Taylor
*Evolution of a plan for intra-association shifting of the capital obligations among members, 462

Froker, R. K.
Discussion: Consumers' income and demand for perishable farm products, 154

Galbraith, J. K.
*Permanent aspects of supply and price adjustments in agriculture, 871
Garlock, Fred L.
See Reviews, 541
Gilcreast, Roy M.
*Land use problems in Minnesota, 280
Goodsell, M. L.
See Reviews, 535
Gray, L. C.
*Federal purchase and administration of submarginal land in the Great Plains, 123

Hady, Frank T.
See Johnson, Sherman E., and others
Hale, Roger F.
*Estimating local market prices and farm labor since 1920, 828
Hainsworth, R. G.
*Graphic methods used in presenting agricultural economics information, 346
Ham, William T.
See Reviews, 688
Hammar, Conrad H.
*Land values and government agricultural policy, 258
Hammar, Conrad H.
See Notes 655, 668
Harlan, C. L.
See Becker, Joseph A.
See Reviews, 538
Hart, Albert Gailord
See Reviews, 513
Hibbard, B. H.
See Reviews, 417
Higgins, Benjamin
*Germany's bid for agricultural self sufficiency, 435
Hobson, A.
Discussion: International trade, 386
Hoffman, A. C.
See Reviews, 540
Holmes, C. L.
See Notes, 498
Holmes, Irvin
*Results of four methods of sampling individual farms, 365
Homan, Paul T.
See Gayer, Arthur D., and Earle K. James
Hopkins, J. A., Jr.
*Technological developments affecting farm organization, 165
See Bressler, Raymond G., Jr.
See Reviews, 673, 908
See Shaw, Eldon E.

James, Earle K.
See Gayer, Arthur D., and Paul T. Homan
Jesness, O. B.
See Dowell, A. A.
Jessen, Raymond J.
*Experiment in the design of agricultural surveys, An, 856
Johnson, E. C.
Discussion: Type of farming modifications needed in the Great Plains, 120
Johnson, Sherman E.
*Adapting farm management research to new opportunities, 98
Johnston, P. E.
*Effect of the AAA on farm organization and operation, 46
Josephson, H. R.
See Weeks, D.

Kelso, M. M.
Discussion: Public control of land use in Europe, 71
Kennedy, M. S., Jr.
*Servicing Federal land bank loans through national farm loan associations, 388
Kling, William
See Notes, 665
Knapp, Joseph G.
See Reviews, 684
Kyrk, Hazel
See Monroe, Day, and Ursula B. Stone

Ladd, C. E.
*Contribution of agricultural economics to farming, 1
Ladejinsky, W.
*Japan's agricultural crisis, 614

Larzelere, Henry E.
See Notes, 503
Lattimer, J. E.
*British Empire trade agreements in relation to farm products between Canada and the United States, 380
Lewis, A. B.
*Land values and farm credit policy, 265
Lynch, E. S.
See Reviews, 682

MacFarlane, David L.
See Notes, 489
Maddox, James G.
*Suggestions for a national program of rural rehabilitation and relief, 881
McLeod, J. H.
*Farm management facts in building area and state programs, 332
Mighell, R. L.
See Notes, 661
Miller, G. W.
*Soil productivity related to farm organization and income, 107
Mighell, R. L., and R. H. Allen
*Demand schedules—"normal" and "instantaneous," 555
Moore, Harry Estill
See Odum, Howard W.
Moorhouse, L. A.
See Reviews, 900
Morse, True D.
*Legal reponsibilities of farm managers and clients, 228
Murray, Nat C.
*Close-up view of the development of agricultural statistics from 1900 to 1920, A, 707

Nicholls, William H.
See Notes, 494
Norton, L. J.
*Differentiation in marketing farm products, 587
Discussion: Measuring changes in the demand for farm products, 142

Patton, Harald S.
See Reviews, 524
Pearson, F. A., and K. R. Bennett
*Base periods: The case for the 1910–14 base, 243
Pearson, F. A., and G. E. Brandow
*Agricultural price statistics in the United States and abroad, 788
Pettet, Z. R.
*Developments arising out of trial census in 1938, 354
Pond, George A.
See Reviews, 534

Quintus, Paul E.
*Wholesale butter prices and premiums, 595

Rasmussen, M. P.
*Consumers' incomes and demand for certain perishable farm products, 145
Reid, T. Roy
*Public assistance to low-income farmers of the South, 188
Renne, R. R.
See Reviews, 531
Revzan, David A.
See Duddy, Edward A.
Richards, Preston
*Livestock marketing methods and livestock prices, 219
Robotka, Frank
See Reviews, 905
Rowe, H. B.
*Effects of the AAA on regional specialization, 31
Rubel, Donald M.
See Reviews, 685

Salter, Leonard A., Jr.
See Reviews, 521
Sarle, C. F.
*Development of partial and sample census methods, 356
*Future improvement in agricultural statistics, 838
Saville, R. J.
Discussion: Effect of the AAA program on the organization and operation of the individual farm, 55
Schaars, Marvin A.
Discussion: How fast should cooperatives grow? 95
Schultz, T. W.
*Theory of the firm and farm management research, 570
Sherman, Caroline B.
See Reviews, 544
Smith, R. C.
*Public assistance to low-income farmers in the North, 178
Snedecor, George W.
*Design of sampling experiments in the social sciences, 846
Spencer, Leland
*Reducing costs of distributing milk in New York, 291
Starch, E. A.
*Type of farming modifications needed in the Great Plains, 114

Stewart, C. L.
*Land rests and land values in Italy, 273
Stine, O. C.
*Considerations involved in the selection of a base period for farm prices, 238
Stippler, H. H.
See Reviews, 527
Stone, Ursula B.
See Monroe, Day, and Hazel Kyrk
Struhsaker, F. P.
*Land use problems in Michigan, 287
Sufrin, Sidney C.
*Status of agricultural trade unions in Holland, 470

Taeuber, Conrad
See Reviews, 902
Taylor, Henry C.
*Century of agricultural statistics, A, 697
Taylor, Weston W.
See Erdman, H. E.
Thompson, Sam. H.
See Reviews, 515
Thomsen, F. L.
*Measuring changes in the demand for farm products, 132
Tinley, J. M.
*Reducing cost of distributing milk in California, 299
Tintner, Gerhard
*Theory and measurement of demand, 606
Tolley, H. R.
*Contributions of agricultural economics to the general welfare, 8

Waite, Warren C.
See Reviews, 529
Walley, Ersel
*Economic research needed by professional farm managers, 235
Warren, S. W.
*Long-time price changes and farm operation, 156
Waugh, Frederick V.
See Taylor, George R., and Edgar L. Burtis
Weeks, D., and H. R. Josephson
*Economic criteria for classifying nonurban land according to probable best use, 419
Wehrwein, George S.
*Public control of land use in the United States, 74
Wells, C. F.
*Equilibrium method of tariff analysis applied to Egyptian Uppers cotton, 632
Wertz, V. R.
*Economic information in farm management extension, 321
Wheeler, L. A.
*The complementary and competitive agriculture in Latin America and the United States, 375
Whetten, Nathan L.
See Zimmerman, Carl C., 898
Wilcox, Walter W.
*Measures needed to achieve conservation and efficient production, 864
Discussion: Effects of the AAA on regional specialization, 43
Winston, Ellen
See Woofter, T. J., Jr.
Working, E. J.
*Graphic methods in price analysis, 337
Woytinsky, E. S., and W. S.
*Progress of agricultural statistics in the world, 761
Woytinsky, Wladimir S.
See Woytinsky, E. S.

NOTES

Agricultural adjustment and marketing, 503
Comparison of small and large farmers under proration schemes, 651
Corn and wheat futures, relation between, 500
Corn, hybrid, economic aspects of, 661
Economic aspects of hybrid corn, 661
Economic aspects of university patents, 494
Farming research, type of, 498
Farm loan and real estate experiences of insurance companies, 507
Farm purchasers, investment policy for, 655
Futures, corn and wheat, relation between, 500
Hybrid corn, economic aspects of, 661
Insurance companies, farm loans and real estate, of, 507
Intensity and land rent, 668
Intensity and land rent—a reply, 489
Investment policy for farm purchasers, 655
Land rent, intensity and, 489, 668
Marketing, agricultural adjustment and, 503
Milk plant, municipal, in New Zealand, 665

Municipal Milk plant of Wellington, New Zealand, 665
Patents, university, economic aspects of, 494
Proration schemes, comparison of farmers under, 651
Recent farm loan and real estate experiences of five leading life insurance companies, 507
Relation between corn and wheat futures, 500
Rent, land, intensity and, 489
Some economic aspects of university patents, 494
Type of farming research again, 498

BOOK REVIEWS

(Reviewer's name in parentheses)

Brandt, Karl: *The German fat plan and its economic setting* (Warren C. Waite), 529
Bressler, Raymond G., Jr., and John A. Hopkins: *Trends in size and production of the aggregate farm enterprise, 1909–36* (R. R. Renne), 531
Bunce, Arthur C.: *Economic nationalism and the farmer* (Harald S. Patton), 524

Decken, Hans, v. d.: *Entwicklung der selbstversorgung Deutschlands mit landwirtschaftlichen erzeugnissen* (H. H. Stippler), 527
Deupree, Robert G.: *Wholesale marketing of fresh fruits and vegetables in Baltimore* (Frank Robotka), 905
Duddy, Edward A., and David A. Revzan: *The changing relative importance of the central livestock market* (A. C. Hoffman), 540

Easterbrook, W. T.: *Farm credit in Canada* (Fred L. Garlock), 541

Fay, C. R.: *Cooperation at home and abroad* (Joseph G. Knapp), 684
Federal Writers Project: *These are our lives* (C. Arnold Anderson), 898

Gayer, Arthur D., Paul T. Homan, and Earle K. James: *The Sugar Economy of Puerto Rico* (S. L. Descartes), 678
Groves, Harold M.: *Financing government* (M. P. Catherwood), 907

Hanson, Simon G.: *Argentine meat and the British market* (C. L. Harlan), 538
Hicks, J. R.: *Value and capital* (Albert Gailord Hart), 513
Hooker, Elizabeth R.: *Readjustments of agricultural tenure in Ireland* (Caroline B. Sherman), 544
Horace Plunkett Foundation (edited by): *Yearbook of agricultural cooperation* (Joseph G. Knapp), 684

International directory of agricultural libraries (J. A. Hopkins), 908

Jansy, N.: *Research methods on farm use of tractors* (George A. Pond), 534
Johnson, Sherman E., Frank T. Hady, and others: *Analysis of interregional competition in agriculture* (E. S. Lynch), 682

Melder, Frederick E.: *State and local barriers to interstate commerce in the United States* (B. H. Hibbard), 417
Monroe, Day, Hazel Kyrk, and Ursula B. Stone: *Food buying and our markets* (J. M. Cassels), 517
Mosher, M. L., and H. C. M. Case: *Farm practices and their effects on farm earnings* (W. D. Goodsell), 535
Mukherjee, B. B.: *Agricultural marketing in India* (Donald M. Rubel), 685

Nourse, E. G., and H. B. Drury: *Industrial price policies and economic progress* (Sam H. Thompson), 515

Odum, Howard W., and Harry Estill Moore: *American regionalism* (Leonard A. Salter, Jr.), 521

Peterson, George M.: *Composition and characteristics of the agricultural population in California* (Conrad Taeuber), 902
Prentice, E. Parmalee: *Hunger and History* (O. E. Baker), 903

Reid, Margaret G.: *Consumers and the market* (John M. Cassels), 517
Renne, R. R.: *Montana farm foreclosures* (L. A. Moorhouse), 900

Shaw, Eldon E., and John A. Hopkins: *Trends in employment in agriculture, 1909–1936* (R. R. Renne), 531
Social problems in agriculture: Record of the permanent agricultural committee of

the International Labor Office (William T. Ham), 688

Taylor, George R., Edgar L. Burtis, and Frederick V. Waugh: *Barriers to internal trade in farm products* (Charles M. Elkinton), 686

Thompson, J. M.: *The orange industry: an economic study* (Roy A. Ballinger), 546

Union Internationale pour l'Étude Scientifique des Problèmes de la population: Congrès International de la population, Paris, 1937 (C. Arnold Anderson), 543

Vaile, Roland S., and Helen G. Canoyer: *Income and consumption* (H. E. Erdman), 520

Warriner, Doreen: *Economics of peasant farming* (John A. Hopkins), 673

Wellman, H. R., and M. D. Street: *Maintenance of substantial equity in the pooling of lemons* (Roy A. Ballinger), 546

Woofter, T. J., Jr., and Ellen Winston: *Seven lean years* (H. E. Erdman), 689

Wright, Carl Major: *Economic adaptation to a changing world market* (J. P. Cavin), 676

Zimmerman, Carl C., and Nathan L. Whetten: *Rural families on relief* (C. Arnold Anderson), 898